LU PTO/SB/21 (09-04) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Inder the Pagerwork collection of information unless it displays a valid OMB control number. are required to respond to a Application Number 10/600,286 TRANSMIT Filing Date June 20, 2003 First Named Inventor **FORM** Guillermo C. Bazan Art Unit 1645 **Examiner Name** RILEY, JEZIA (to be used for all correspondence after initial filing) Attorney Docket Number 51871.000003.UTL1 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a After Final Proprietary Information Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer **Extension of Time Request** below): Copies of cited references 1-143, 163-167, Request for Refund **Express Abandonment Request** and 174-218. Return Receipt Postcard. CD, Number of CD(s) 2 Information Disclosure Statements SB/08 Forms (18 pgs). Landscape Table on CD Certified Copy of Priority Remarks Document(s) The Commissioner is hereby authorized to charge any fees due in connection with this Reply to Missing Parts/ submission, or credit any overpayment to Deposit Account No. 02-4553 in the name of Buchanan Ingersoll Professional Corp. Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Buchanan Ingersoll, 401 West A Street, Suite 1900, San Diego, CA 92101 Signature Printed name David Maher Date Reg. No. 01-26-05 40.077

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51871-000003.UTL U.S. Patent



In re tl	he Application of)	Group Art Unit: 1645
BAZA	N et al.)	Examiner: RILEY, JEZIA
Serial	No.: 10/600,286)) `	Customer. No. 23464
Filed:	June 20, 2003)	
For:	METHODS AND COMPOSITIONS FOR DETECTION AND ANALYSIS OF POLYNUCLEOTIDES USING LIGHT HARVESTING MULTI- CHROMOPHORES)))	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97-1.98

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Dear Sir:

This Information Disclosure Statement is being filed prior to receipt of a first Office Action on the merits with respect to the above-captioned application. Thus, it is believed that there is no fee due for filing this paper. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge the requisite fee, or any fees that may be due in connection with this and the attached papers, or with this application during its entire pendency, or to credit any overpayment, to Deposit Account No. 02-4553.

In accordance with 37 C.F.R. §1.56 and 37 C.F.R. §§1.97-1.98, this Information Disclosure Statement, including Forms PTO-SB/08A (2 pages) and PTO-SB/08B (5 pages) and cited documents, is provided herewith.

The items identified in this Information Disclosure Statement may or may not be "material" pursuant to 37 C.F.R. §1.56. The filing of this Information Disclosure Statement is not an admission by Applicants or Applicants' representatives that any of the documents, singly or in any combination, is material. Nor is it an admission that any of the items identified is

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"prior art" against the subject application. Additionally, in accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other information as defined in 37 C.F.R. §1.56(b) exists in addition to those items submitted herewith.

Applicant respectfully requests that the Examiner review the foregoing documents and information and that they be made of record in the file history of the above-captioned application.

Respectfully submitted,

BUCHANAN INGERSOLL P.C.

Date: January 26, 2005

David W. Maher, Ph.D

Reg. No. 40,077

One Oxford Centre 301 Grant Street Pittsburgh, PA 15219-1410 (O) (619) 578.5008 (F) (619) 578.5940

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Substitute for form 1449/PTO

Sheet 1

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of 7

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Application Number	10/600,286		
Filing Date	June 20, 2003		
First Named Inventor	Guillermo C. Bazan		
Art Unit	1637		
Examiner Name	Riley, Jezia		
Attorney Docket Number	51871-000003		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (I' known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	,	Country Code ^{3 -} Number ^{4 -} Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T
	163	WO 99/35288 A1	07-15-1999	Minnesota Mining and Manufacturing Company		
	164	WO 00/14278 A1	03-16-2000	The Secretary of State for Defence		
-	165	WO 00/66790 A1	11-09-2000	The Regents of the University of California		
	166	WO 02/081735 A2	10-17-2002	Infectio Diagnostic (I.D.I.) Inc.		
	167	WO 2004/001379 A2	12-31-2003	The Regents of the University of California		

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	1446,110	Application Number	10/600,286			
INFORM	ATION DISCLOSURE	Filing Date	June 20, 2003			
- * - · - · - · - · - ·		First Named Inventor	Guillermo C. Bazan			
STATEMENT BY APPLICANT (Use as many sheets as necessary)		Art Unit	1637			
		Examiner Name	Riley, Jezia			
Sheet 2	of 7	Attorney Docket Number	51871-000003			

Sheet |2

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
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	169	^{US-} 60/237,000	09-29-2000	Bruchez	
	170	^{US-} 60/240,216	10-13-2000	Bruchez	
	171	^{US-} 60/276,090	03-16-2001	Jones	
	172	^{US-} 60/314,094	08-23-2001	Burdick	
	173	^{US-} 60/314,101	08-23-2001	Whitten	
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		FORE	IGN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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0000			Application Number	10/600,286	
INF	ORMATION	DIS	CLOSURE	Filing Date	June 20, 2003
STA	STATEMENT BY APPLICANT			First Named Inventor	Guillermo C. Bazan
	(Use as many sheets as necessary)			Art Unit	1637
	(030 as many sne		accasary,	Examiner Name	Riley, Jezia
Sheet	3	of	7	Attorney Docket Number	51871-000003

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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INF	ORMATION	DIS	CLOSURE	Filing Date	June 20, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Guillermo C. Bazan	
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Sheet	4	of	7	Attorney Docket Number	51871-000003	

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(ose as many sheets as necessary)				Examiner Name	Riley, Jezia	
Sheet	5	of	7	Attorney Docket Number	51871-000003	

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INF	ORMATION	DIS	CLOSURE	Filing Date	June 20, 2003	
STATEMENT BY APPLICANT				First Named Inventor	Guillermo C. Bazan	
(Use as many sheets as necessary)				Art Unit	1637	
				Examiner Name	Riley, Jezia	
Sheet	6	of	7	Attorney Docket Number	51871-000003	

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	204	Lohse et al., "Fluorescein-Conjugated Lysine Monomers for Solid Phase Synthesis of Fluorescents Peptides and PNA Oligomers", Bioconjugate Chem., 1997, 8, 503-509.	
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Examiner	Date	
Signature	Considered	

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Substitute for form 1449/P10				Application Number	10/600,286			
INF	ORMATION	DIS	CLOSURE	Filing Date	June 20, 2003			
STATEMENT BY APPLICANT				First Named Inventor	Guillermo C. Bzan			
				Art Unit	1637			
(Use as many sheets as necessary)			ecessary)	Examiner Name	Riley Jezia			
Sheet	7	of	7	Attorney Docket Number	51871-000003			

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	214	Wolcott, "Advances in Nucleic Acid-Based Detection Methods", Clinical Microbiology Reviews, October 1992, 5(4), 370-386.	
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Examiner		Date	
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In re th	ne Application of)	Group Art Unit: 1645
BAZA	N et al.)	Examiner: RILEY, JEZIA
Serial	No.: 10/600,286)) `	Customer. No. 23464
Filed:	June 20, 2003)	
For:	METHODS AND COMPOSITIONS)	
	FOR DETECTION AND ANALYSIS OF POLYNUCLEOTIDES USING))	
	LIGHT HARVESTING MULTI- CHROMOPHORES))	

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97-1.98

Mail Stop Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This Information Disclosure Statement is being filed prior to receipt of a first Office Action on the merits with respect to the above-captioned application. Thus, it is believed that there is no fee due for filing this paper. However, if it is determined that a fee is due, the Commissioner is hereby authorized to charge the requisite fee, or any fees that may be due in connection with this and the attached papers, or with this application during its entire pendency, or to credit any overpayment, to Deposit Account No. 02-4553.

In accordance with 37 C.F.R. §1.56 and 37 C.F.R. §\$1.97-1.98, this Information Disclosure Statement, including Forms PTO-SB/08 (11 pages) and cited documents, is provided herewith.

The items identified in this Information Disclosure Statement may or may not be "material" pursuant to 37 C.F.R. §1.56. The filing of this Information Disclosure Statement is not an admission by Applicants or Applicants' representatives that any of the documents, singly or in any combination, is material. Nor is it an admission that any of the items identified is

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"prior art" against the subject application. Additionally, in accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other information as defined in 37 C.F.R. §1.56(b) exists in addition to those items submitted herewith.

Applicant respectfully requests that the Examiner review the foregoing documents and information and that they be made of record in the file history of the above-captioned application.

Respectfully submitted,

BUCHANAN INGERSOLL P.C.

Date: January 26, 2005

David W. Maher, Ph.D.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 11

Complete if Known				
Application Number	10/600,286			
Filing Date	June 20, 2003			
First Named Inventor	Guillermo C. Bazan			
Art Unit	1637			
Examiner Name	Riley, Jezia			
Attorney Docket Number	51871-000003			

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Initials*	No.¹.	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	_
	1	BALAKIN, K.V. et al. Conjugates of oligonucleotides with polyaromatic fluorophores as promising DNA probes ¹ .	
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Examiner's	Date	
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		NON PATENT LITERATURE DOCUMENTS	
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Initials*	No. ¹	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	
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Initials*	No.1	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	<u> </u>
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Sheet 5 of 11

Complete if Known			
Application Number	10/600,286		
Filing Date	June 20, 2003		
First Named Inventor	Guillermo C. Bazan		
Art Unit	1637		
Examiner Name	Riley, Jezia		
Attorney Docket Number	51871-000003		

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Examiner's	Date	
Signature	Considered	

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Complete if Known Substitute for form 1449/PTO **Application Number** 10/600,286 Filing Date June 20, 2003 INFORMATION DISCLOSURE First Named Inventor Guillermo C. Bazan STATEMENT BY APPLICANT

Art Unit

1637 (Use as many sheets as necessary) **Examiner Name** Riley, Jezia Attorney Docket Number 51871-000003 of 11 Sheet 6

	0.11	NON PATENT LITERATURE DOCUMENTS	П
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal,	
Initials*	No. ¹	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	-
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Examiner's	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

Complete if Known			
Application Number	10/600,286		
Filing Date	June 20, 2003		
First Named Inventor	Guillermo C. Bazan		
Art Unit	1637		
Examiner Name	Riley, Jezia		
Attorney Docket Number	51871-000003		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
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		Application Number	10/600,286
INIEODMA	ATION DISCLOSURE	Filing Date	June 20, 2003
		First Named Inventor	Guillermo C. Bazan
STATEM	ENT BY APPLICANT	Art Unit	1637
(Use as many sheets as necessary)		Examiner Name	Riley, Jezia
Sheet 8	of 11	Attorney Docket Number	51871-000003

		NON PATENT LITERATURE DOCUMENTS	
Examiner	Cite	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal,	T ²
Initials*	No. ¹	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	
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Complete if Known Substitute for form 1449/PTO Application Number 10/600,286 Filing Date June 20, 2003 INFORMATION DISCLOSURE First Named Inventor Guillermo C. Bazan STATEMENT BY APPLICANT Art Unit 1637 (Use as many sheets as necessary) **Examiner Name** Riley, Jezia 51871-000003 Sheet 9 Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 10

Complete if Known				
Application Number	10/600,286			
Filing Date	June 20, 2003			
First Named Inventor	Guillermo C. Bazan			
Art Unit	1637			
Examiner Name	Riley, Jezia			
Attorney Docket Number	51871-000003			

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Examiner's	Date	
Signature	Considered	
		<u></u>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

First Named Inventor Guillermo C. Bazan Art Unit 1637 (Use as many sheets as necessary) **Examiner Name** Riley, Jezia 51871-000003 Sheet 111 of 111 Attorney Docket Number

		NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite	serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published WHITCOMBE, D. et al. Detection of PCR products using self-probing amplicons and fluorescence; Nat. Biotechnol.			
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